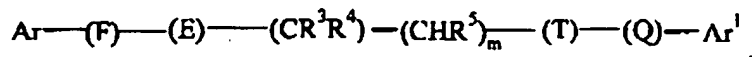


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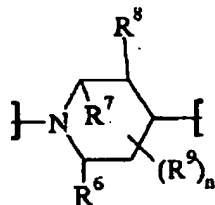
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# CLAIM LISTING:

1. (Currently amended) A compound having the formula:



wherein



T is where  $\text{R}^6$  is taken together with one of  $\text{R}^7$  and  $\text{R}^8$  to form a bridge of one to two bridghead carbon atoms, and the other of  $\text{R}^7$  and  $\text{R}^8$  is selected from hydrogen and  $\text{R}^9$ ;

$\text{Ar}$  and  $\text{Ar}^1$  are, independently of each other, phenyl, ether, aryl or heteroaryl;

F is alkylene, alkenylene, or a bond;

E is selected from  $-\text{C}(=\text{O})\text{N}(\text{R}^{10})-$ ,  $-\text{SO}_2\text{N}(\text{R}^{10})-$ ,  $-\text{N}(\text{R}^{11})\text{C}(=\text{O})\text{N}(\text{R}^{10})-$ ,  $-\text{N}(\text{R}^{11})\text{SO}_2\text{N}(\text{R}^{10})-$ ,  $-\text{N}(\text{R}^{11})\text{C}(-\text{S})\text{N}(\text{R}^{10})-$ ,  $-\text{N}(\text{R}^{11})\text{C}(=\text{O})-$ ,  $-\text{N}(\text{R}^{11})\text{SO}_2-$ ,  $-\text{N}(\text{R}^{12})\text{C}(=\text{O})\text{CH}(\text{R}^{13})-$ , and  $\text{CH}(\text{R}^{13})\text{C}(=\text{O})\text{N}(\text{R}^{12})-$ , where:

$\text{R}^{10}$ ,  $\text{R}^{11}$ ,  $\text{R}^{12}$ , and  $\text{R}^{13}$  are, independently of each other, hydrogen, alkyl, acyl, haloalkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, aralkenyl, heteroaryl, heteroaralkyl, heterocycloalkyl, heteroalkyl, or  $-(\text{alkylene})-\text{C}(=\text{O})-\text{Z}$ , where Z is alkyl, haloalkyl, alkoxy, haloalkyloxy, hydroxy, amino, mono- or disubstituted amino, aryl, aralkyl, aryloxy, aralkyloxy, heteroaryl, heteroaryloxy, or heteroaralkyloxy; or alternatively,  $\text{R}^{12}$  and  $\text{R}^{13}$  may be taken together with the nitrogen and carbon atoms to which they are attached, respectively, to form a heterocyclyl or heteroaryl ring optionally substituted with up to two groups selected from  $\text{R}^{14}$ ;

$\text{R}^3$  and  $\text{R}^4$  are, independently of each other, hydrogen, alkyl, alkenyl, haloalkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocyclyl, heterocyclylalkyl, heteroalkyl,  $-(\text{alkylene})-\text{C}(=\text{O})-\text{Z}^1$ , or  $-(\text{alkylene})-\text{C}(\text{O})_2\text{Z}^1$ , where  $\text{Z}^1$  is alkyl, haloalkyl, alkoxy, haloalkyloxy, hydroxy, amino, mono- or disubstituted amino, aryl, aralkyl, aryloxy, aralkyloxy, heteroaryl, heteroaryloxy, or heteroaralkyloxy;

$\text{R}^5$  is hydrogen or alkyl;

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Q is  $-C(=O)-$  or  $C_{1-3}$ alkylene;

$R^9$  is attached to any available carbon atom of ring T and is selected from lower alkyl, hydroxy, lower alkoxy, halo, cyano, trifluoromethyl, trifluoromethoxy, or a lower alkyl substituted with one of hydroxy, lower alkoxy, halo, cyano, trifluoromethyl, or trifluoromethoxy;

$R^{14}$  is selected from lower alkyl, hydroxy, lower alkoxy, halo, cyano, trifluoromethyl, trifluoromethoxy, and a lower alkyl substituted with one of hydroxy, lower alkoxy, halo, cyano, trifluoromethyl, or trifluoromethoxy;

m is 0 or 1; and

n is 0 to 4; and

~~prodrugs, individual isomers, mixtures of isomers, and pharmaceutically acceptable salts thereof.~~

2. (Currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt or ~~prodrug~~ thereof, wherein:

Ar and Ar<sup>1</sup> are both phenyl;

F is a bond;

E is selected from  $-C(=O)N(R^{10})-$ ,  $-N(R^{11})C(=O)N(R^{10})-$ ,  $-N(R^{11})C(=O)-$ ,  $-N(R^{12})C(=O)CH(R^{13})-$ , and  $CH(R^{13})C(=O)N(R^{12})-$ , where:

$R^{10}$ ,  $R^{11}$ ,  $R^{12}$ , and  $R^{13}$  are, independently of each other, hydrogen or alkyl;

or alternatively,  $R^{12}$  and  $R^{13}$  may be taken together with the nitrogen and carbon atoms to which they are attached, respectively, to form a heterocyclyl or heteroaryl ring optionally substituted with up to two groups selected from  $R^{14}$ ;

$R^3$  and  $R^4$  are, independently of each other, hydrogen, alkyl, alkenyl, haloalkyl, heteroalkyl, or  $-(alkylene)-C(=O)-Z^1$ , where  $Z^1$  is alkyl, haloalkyl, alkoxy, haloalkyloxy, hydroxy, amino, mono- or disubstituted amino, aryl, aralkyl, aryloxy, aralkyloxy, heteroaryl, heteroaryloxy, or heteroaralkyloxy;

Q is  $-CH_2-$ ;

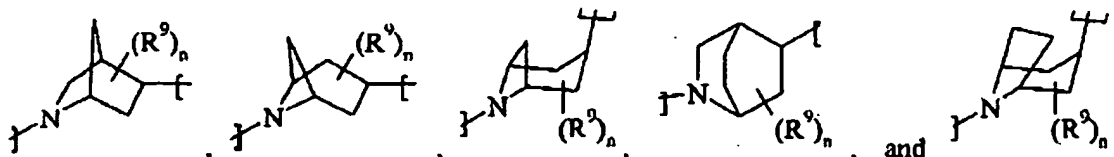
$R^9$  and  $R^{14}$  are independently selected from methyl, ethyl, hydroxy, methoxy, halo, cyano, trifluoromethyl, or trifluoromethoxy; and

n is 0 to 2.

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3. (Currently amended) A compound according to claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein T is selected from the group consisting of:



and  $R^9$  is attached to any available carbon atom of ring T and is selected from lower alkyl and hydroxy, and  $n$  is 0 to 2.

4. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein:

Ar is a phenyl ring optionally substituted with one, two or three substituents selected from alkyl, heteroalkyl, alkoxy,  $-\text{COR}^{15}$ ,  $-\text{SO}_2\text{R}^{17}$ , methylenedioxy, hydroxy, halo, acylamino, amino, mono- or disubstituted amino,  $-\text{CONR}^{15}\text{R}^{16}$ ,  $-(\text{alkylene})-\text{CONR}^{15}\text{R}^{16}$ ,  $-\text{COOR}^{15}$ ,  $-(\text{alkylene})-\text{COOR}^{15}$  and/or  $-\text{NR}^{16}\text{SO}_2\text{R}^{17}$ ;  $\text{R}^{15}$  and  $\text{R}^{16}$  are each independently hydrogen or alkyl; and  $\text{R}^{17}$  is alkyl, amino or mono or disubstituted amino.

5. (Currently amended) A compound of claim 4, or a pharmaceutically acceptable salt or prodrug thereof, wherein

Ar is selected from phenyl, 4-chlorophenyl, 4-methylphenyl, 4-methoxyphenyl, 3-methylsulfonylphenyl, 3,5-dimethoxyphenyl, 3,4-dimethoxyphenyl, and 3,4,5-trimethoxyphenyl.

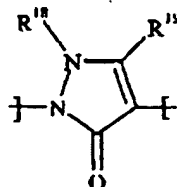
6. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein F is a bond.

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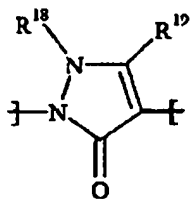
7. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein

E is  $-C(=O)N(R^{10})-$ ,  $-N(R^{10})C(=O)N(R^{11})-$ , or  $N(R^{12})C(=O)CH(R^{13})-$ , where  $R^{10}$  and  $R^{11}$  are hydrogen or lower alkyl, and  $R^{12}$  and  $R^{13}$  are taken together with the nitrogen and carbon atoms to



which they are attached, respectively, to form from hydrogen and lower alkyl. ; where  $R^{18}$  and  $R^{19}$  are selected

8. (Currently amended) A compound of claim 7, or a pharmaceutically acceptable salt or prodrug thereof, wherein



E is ; and m is 0.

9. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein

$R^3$  is hydrogen; and

$R^4$  is hydrogen, methyl, ethyl, 1-methylethyl, isopropyl, 1-hydroxyethyl or 2-hydroxyethyl.

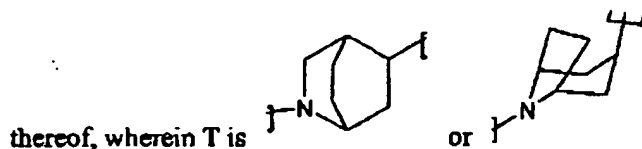
10. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein

$R^3$  is hydrogen; and  $R^4$  is 1-methylethyl.

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11. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug



12. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein Q is  $-\text{CH}_2-$ .

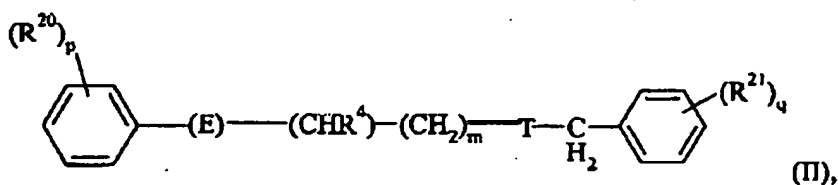
13. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein:

$\text{Ar}^1$  is a phenyl ring optionally substituted with one, two or three substituent selected from alkyl, heteroalkyl, alkoxy, halo, trifluoromethyl, nitro, or mono- or disubstituted amino.

14. (Currently amended) A compound of claim 1, or a pharmaceutically acceptable salt or prodrug thereof, wherein:

$\text{Ar}^1$  is 4-chlorophenyl or 3,4-dichlorophenyl.

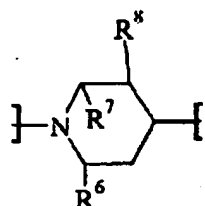
15. (Original) A compound having the formula (II):

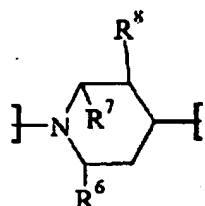


or a pharmaceutically-acceptable salt thereof, in which:

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T is , where R<sup>6</sup> is taken together with one of R<sup>7</sup> and R<sup>8</sup> to form a bridge of one to two bridgehead carbon atoms optionally substituted with one to two CH<sub>3</sub>, and the other of R<sup>7</sup> and R<sup>8</sup> is selected from hydrogen and lower alkyl;

E is selected from -C(=O)N(R<sup>10</sup>)-, -N(R<sup>11</sup>)C(-O)N(R<sup>10</sup>)-, and -N(R<sup>12</sup>)C(=O)CH(R<sup>13</sup>)-, where:

R<sup>10</sup>, R<sup>11</sup>, R<sup>12</sup>, and R<sup>13</sup> are independently of each other hydrogen or lower alkyl, or alternatively, R<sup>12</sup> and R<sup>13</sup> may be taken together with the nitrogen and carbon atoms to which they are attached, respectively, to form a five-membered heterocyclyl or heteroaryl ring having up to two N atoms and optionally substituted with up to two groups selected from methyl, ethyl, hydroxy, methoxy, halo, cyano, trifluoromethyl, and trifluoromethoxy;

R<sup>4</sup> is hydrogen, lower alkyl, or lower alkyl substituted with hydroxy;

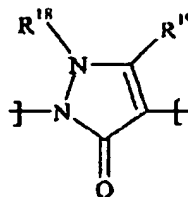
R<sup>20</sup> and R<sup>21</sup> are each independently selected from halo, OR<sup>22</sup>, and SO<sub>2</sub>R<sup>22</sup>,

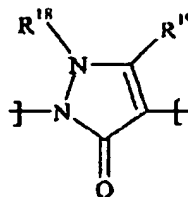
wherein R<sup>22</sup> is lower alkyl;

m is 0 or 1;

p and q are independently 0, 1, 2 or 3.

16. (Currently amended) A compound of claim 15, or a pharmaceutically acceptable salt or prodrug thereof, wherein



E is selected from -C(=O)NH-, -NHC(=O)NH-, and , where R<sup>18</sup> and R<sup>19</sup> are each hydrogen or lower alkyl;

R<sup>4</sup> is hydrogen, methyl, ethyl, 1-hydroxyethyl, or 1-methylethyl;

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$R^6$  is taken together with one of  $R^7$  and  $R^8$  to form a bridge of two bridgehead carbon atoms and the other of  $R^7$  and  $R^8$  is hydrogen;

$R^{20}$  is selected from halo, methoxy, and methylsulfonyl;

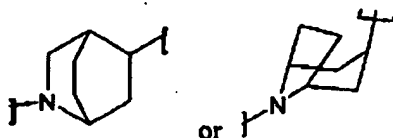
$R^{21}$  is halo;

$p$  is 0, 1, 2 or 3; and

$q$  is 0, 1, or 2.

17. (Currently amended) A compound of claim 16, or a pharmaceutically acceptable salt

or prodrug thereof, wherein T is



18. (Original) A pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1 and a pharmaceutically acceptable excipient.

19-20. Canceled.

\* \* \* \* \*